

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY****401 M Street, S.W.
WASHINGTON, D.C. 20460**

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instruction and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to Director: OPPE Information Management Division (2137) U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date 6/22/18	EPA Reg. No./File Symbol 75757-2	Page 1 of 5
Applicant's/Registrant's Name & Address: CDG Environmental, LLC 301 Broadway, Suite 420 Bethlehem, PA 18015		Product CDG Solution 3000

Ingredient *Chlorine dioxide* (PC Code 20503)

Guideline Reference	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550	Product Identity and Composition	46889801	CDG Environmental LLC	OWN	
830.1600	Description of Materials Used to Produce the Product	46889801	CDG Environmental LLC	OWN	
830.1620	Description of Production Process	46889801	CDG Environmental LLC	OWN	
830.1650	Description of Formulation Process	46889801	CDG Environmental LLC	OWN	
830.1670	Discussion of Formation of Impurities	46889801	CDG Environmental LLC	OWN	
830.1700	Preliminary Analysis (TGAI; EP integrated)	NA	N/A	N/A	
830.1750	Certification of Limits	47037302	CDG Environmental LLC	OWN	
830.1800	Analytical Methods to Verify Certified Limits	47037302	CDG Environmental LLC	OWN	
830.1900	Submittal of Samples				Available upon request
830.6302	Color	46896401, 46889801 46889803, 46889804 46910202, 47034401 47034402, 47037301	CDG Environmental LLC	OWN	3/7/07 Review, DP Barcode: D331418, D331604, D332049, D332051
830.6303	Physical State	46896401, 46889801 46889803, 46889804 46910202, 47034401	CDG Environmental LLC	OWN	3/7/07 Review, DP Barcode: D331418, D331604, D332049, D332051

Signature 	Name and Title Abigail Wacek, Regulatory Consultant	Date 6/22/18
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Ingredient *Chlorine dioxide* (PC Code 20503)

Guideline Reference	Guideline Study Name	MRID Number	Submitter	Status	Note
		47034402, 47037301			
830.6304	Odor	46896401, 46889801, 46889803, 46889804, 46910202, 47034401, 47034402, 47037301	CDG Environmental LLC	OWN	3/7/07 Review, DP Barcode: D331418, D331604, D332049, D332051
830.6313	Stability to temperature, metals, and metal ions	NA	N/A	N/A	
830.6314	Oxidizing or Reducing Action	47037301	CDG Environmental LLC	OWN	
830.6315	Flammability	46889804	CDG Environmental LLC	OWN	
830.6316	Explosibility	46896401, 46889801, 46889803, 46889804, 46910202, 47034401, 47034402, 47037301	CDG Environmental LLC	OWN	3/7/07 Review, DP Barcode: D331418, D331604, D332049, D332051
830.6317	Storage Stability	46889803	CDG Environmental LLC	OWN	
830.6319	Miscibility	46896401, 46889801	CDG Environmental LLC	OWN	3/7/07 Review, DP Barcode:

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Ingredient *Chlorine dioxide* (PC Code 20503)

Guideline Reference	Guideline Study Name	MRID Number	Submitter	Status	Note
		46889803, 46889804 46910202, 47034401 47034402, 47037301			D331418, D331604, D332049, D332051
830.6320	Corrosion Characteristics	47713301	CDG Environmental LLC	OWN	
830.6321	Dielectric Breakdown Voltage	46896401, 46889801 46889803, 46889804 46910202, 47034401 47034402, 47037301	CDG Environmental LLC	OWN	3/7/07 Review, DP Barcode: D331418, D331604, D332049, D332051
830.7000	pH	47034402	CDG Environmental LLC	OWN	
830.7050	UV/Visible Light Adsorption	NA	N/A	N/A	
830.7100	Viscosity	47037301	CDG Environmental LLC	OWN	
830.7200	Melting Point	46889804	CDG Environmental LLC	OWN	
830.7220	Boiling Point	NA	N/A	N/A	
830.7300	Density, Bulk Density or Specific Gravity	47037301	CDG Environmental LLC	OWN	
830.7370	Dissociation Constant	NA	N/A	N/A	
830.7550; 830.7560; 830.7570	Octanol-Water Partition Coefficient	NA	N/A	N/A	

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Ingredient <i>Chlorine dioxide</i> (PC Code 20503)					
Guideline Reference	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7840 ; 830.7860	Water Solubility: Column Elution Method; Shake Flask Method	46889804	CDG Environmental LLC	OWN	
830.7950	Vapor Pressure	46889804	CDG Environmental LLC	OWN	
880.1400	Discussion of Formation of Impurities	46896401 46910202 47034401	CDG Environmental LLC	OWN	
870.1100	Acute Oral Toxicity - Rat	48810801 49118601	CDG Environmental LLC	OWN	
870.1200	Acute Dermal Toxicity - Rat	48810801 94118602	CDG Environmental LLC	OWN	
870.1300	Acute Inhalation Toxicity - Rat	48810801 49118603	CDG Environmental LLC	OWN	
870.2400	Primary Eye Irritation - Rabbit	48810801 49118604	CDG Environmental LLC	OWN	
870.2500	Primary Dermal Irritation	48810801 49118605	CDG Environmental LLC	OWN	
870.2600	Dermal Sensitization	48810801 49118606	CDG Environmental LLC	OWN	
810.2700	Product Antimicrobial Efficacy Study for CDG Research Corporation, CDG Solution 3000 CAS No: 10049-04-4 [<i>Klebsiella</i> <i>terrigena</i> (ATCC 33257)]	47047901 47047902 47047903	CDG Environmental LLC	OWN	
810.2700	Product Antimicrobial Efficacy Study for CDG Research Corporation, CDG Solution 3000 CAS No: 10049-04-4 [<i>Legionella</i>				

Signature

Abigail Downs Wacek

Name and Title

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Guideline Reference	Guideline Study Name	MRID Number	Submitter	Status	Note
	<i>pneumophila</i> (ATCC 33152)]				
810.2700	Product Antimicrobial Efficacy Study for CDG Research Corporation, CDG Solution 3000 CAS No: 10049-04-4 [Enteric Viruses (Poliovirus 1 (ATCC VR-59) and Rotavirus SA-11 (ATCC VR-2018)]				
810.3600	Structural Treatment	46889805 46910201	CDG Environmental LLC	OWN	
810.2300	AOAC Available Chlorine in Disinfectants: <i>Salmonella enterica</i> serovar Typhi (ATCC 6539) and <i>Staphylococcus aureus</i> (ATCC 6538).	49583101	CDG Environmental LLC	OWN	A15892
810.2300	Standard Test Method for Efficacy of Sanitizers Recommended for Inanimate Non-Food Contact Surfaces: <i>Staphylococcus aureus</i> (ATCC 6538) and <i>Klebsiella pneumoniae</i> (ATCC 4352)	50593601	CDG Environmental LLC	OWN	This submission
810.2300	Standard Test Method for Efficacy of Sanitizers Recommended for Inanimate Non-Food Contact Surfaces: <i>Klebsiella pneumoniae</i> (ATCC 4352)	50593602	CDG Environmental LLC	OWN	This submission

Signature

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